

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A radiation-curable urethane (meth)acrylate ~~obtainable by the steps~~ obtained by a process comprising:

- a) partly reacting an alkoxyated polyol (A) with (meth)acrylic acid (B) in the presence of at least one esterification catalyst (C) and at least one polymerization inhibitor (D) and also if desired a solvent (E) that forms an azeotrope with water[[,]];
- b) removing if desired at least some of the water formed in a) from the reaction mixture which can be done during and/or after a) [[,]];
- f) neutralizing if desired the reaction mixture[[,]];
- h) removing if desired any solvent (E) used by distillation and/or
- i) stripping if desired with a gas which is inert under the reaction conditions and removing if desired excess acrylic acid by distilling[[,]];
- k) reacting the reaction mixture obtained after the last of the above steps with a compound (G) ~~containing~~ comprising at least two epoxy groups in the presence if desired of a catalyst (H) [[,]]; and
- l) reacting the reaction mixture from k) with at least one polyisocyanate (J) and at least one hydroxyalkyl(meth)acrylate (K) and if desired with at least one further compound (M) ~~containing~~ comprising one or more isocyanate-reactive groups in the presence if desired of a catalyst (L).

Claim 2 (Currently Amended): A process for preparing a radiation-curable urethane (meth)acrylate ~~obtainable by the steps~~ comprising:

- a) partly reacting an alkoxyated polyol (A) with (meth)acrylic acid (B) in the presence of at least one esterification catalyst (C) and at least one polymerization inhibitor (D), and also if desired a solvent (E) that forms an azeotrope with water[[],];
- b) removing if desired at least some of the water formed in a) from the reaction mixture which can be done during and/or after a) [[],];
- f) neutralizing if desired the reaction mixture[[],];
- h) removing if desired any solvent (E) used by distillation and/or
- i) stripping if desired with a gas which is inert under the reaction conditions and removing if desired excess acrylic acid by distilling[[],];
- k) reacting the reaction mixture obtained after the last of the above steps with a compound (G) ~~containing~~ comprising at least two epoxy groups in the presence if desired of a catalyst (H) [[],]; and
- l) reacting the reaction mixture from k) with at least one polyisocyanate (J) and at least one hydroxyalkyl(meth)acrylate (K) and if desired with at least one further compound (M) ~~containing~~ comprising one or more isocyanate-reactive groups in the presence if desired of a catalyst (L).

Claim 3 (Currently Amended): The [[A]] radiation-curable urethane (meth)acrylate ~~or process~~ as claimed in Claim 1 ~~either of the above claims~~, wherein the reaction mixture used in k) has an acid number to DIN EN 3682 of up to 200 mg KOH/g and an OH number to DIN 53240 of up to 120 mg KOH/g.

Claim 4 (Currently Amended): The [[A]] radiation-curable urethane (meth)acrylate ~~or process~~ as claimed in Claim 1 ~~any one of the above claims~~, wherein the reaction mixture used in l) has an OH number to DIN 53240 of up to 250 mg KOH/g.

Claim 5 (Currently Amended): The [[A]] radiation-curable urethane (meth)acrylate ~~or process~~ as claimed in Claim 1 ~~any one of the above claims~~, wherein the polyol (A) is a pentaerythritol, trimethylolethane or trimethylolpropane with from single to 20-fold ethoxylation.

Claim 6 (Currently Amended): The [[A]] radiation-curable urethane (meth)acrylate ~~or process~~ as claimed in Claim 1 ~~any one of the above claims~~, wherein the epoxide compound (G) is bisphenol A diglycidyl ether, 1,4-butanediol diglycidyl ether, trimethylolpropane triglycidyl ether or pentaerythritol tetraglycidyl ether.

Claim 7 (Currently Amended): The [[A]] radiation-curable urethane (meth)acrylate ~~or process~~ as claimed in Claim 1 ~~any one of the above claims~~, wherein the polyisocyanate (J) is 2,4- or 2,6-tolylene diisocyanate or an isomer mixture thereof, hexamethylene diisocyanate, 1,3-bis(isocyanatomethyl)cyclohexane, isophorone diisocyanate or di(isocyanatocyclohexyl)methane.

Claim 8 (Currently Amended): The [[A]] radiation-curable urethane (meth)acrylate ~~or process~~ as claimed in Claim 1 ~~any one of the above claims~~, wherein the hydroxyalkyl (meth)acrylate (K) is 2-hydroxyethyl acrylate or 2-hydroxyethyl methacrylate.

Claim 9 (Currently Amended): A radiation-curable coating composition comprising
[[a]] the radiation-curable urethane (meth)acrylate as claimed in Claim 1 ~~any one of the~~
~~above claims.~~

Claim 10 (Currently Amended): ~~Use of a coating composition as claimed in claim 9~~
~~as an~~ An interior wood-coating material comprising the radiation-curable coating
composition as claimed in Claim 9.